PATENT

Attorney Docket No.: 1020 P17139

DIECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (FOR INT) L CORPORATION PATENT APPLICATIONS)

As a below ramed invertor, I h reby declare that:

Myresidence, post office address and citizenship are as stated below, next to my name.

I believe I an the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS TO PERFORM CHANNEL ESTIMATION FOR A COMMUNICATION SYSTEM

(I hereby authorize and reques my attorney, associated with Customer Number 57035, to insert on the designated lines below, the filir g date and application number of said application when known.)

the specification of which

I is filled herewith

OR as US Application Serial No.

■ was filed on or PCT International Application Number PCT/RU2004/000037 and was amended on

(if applicable).

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below."

I hereby state that I have revie ved and understand the contents of the above-identified specification, including the clair n(s), as amended by any amendment referred to above. I do not know and do not believe that it is claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my Invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invent on has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

Lacknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Gode of Fe teral Regulations, Section 1.56.

I hereby claim foreign priority t enefits under Title 35. United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any firreign application for patent or inventor's certificate having a filing date before that of the application on which prioril / is claimed:

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nior Foreign Application(s)

Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit unde Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

Application	Number	<del>: -</del>	 Filing Date
7	1.1	:	
Application	Number		 Filing Date

I herby claim the benefit under "Title 35, United States Code, Section 120 of any United States application(t)) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I exknowledge the duty to disclose all information knywn to mit to be miterfait to I restrability as defined in Title 37, Code of Federal Regulations, Section 1.5¢ which tieckame or villable between the filing date of the prior application and the national or IPC or Interhalmonal filing date of the application:

Application Number	Filing Date	Status patented, pending, abandoned
Application Number	Filing Date	Status patented, pending, abandoned

#### Appointment of Practitioners:

I hisreby applicit the practitions as associated with Customer Number; 57035 as my respective patent attimeys and patent agents, with full power of substitution and revocation, to prosecute this application and to transject all business in he U.S. Patent and Trademark Office connected herewith.

If this patern application is assigned, then the undersigned hereby authorizes the patent attorneys and patent algorits naived here in to accept and follow instructions from the assignee(s) as to any acid not be betaken in (high Uniter. States Patent and Trademark Office regarding this application without clinet; commispication is tween the patent attorneys and patent agents and the undersigned, in the legislation of the persons from whom instructions may be taken, at least one patent attartings or part agent assembly the persons from whom instructions may be taken, at least one patent attartings or part and agent among the herein will be so notified by the undersigned.

### Correspondence:

Direct all correspondence to John F. Kacvinsky, Kacvinsky LLC, 4500 Brooktree Road, Suite 102, Wextord, PA 15090, Direct tell phone calls to John F. Kacvinsky, (724) 933-5529.

I hereby deglare that all stats nents made herein of my own knowledge are true and that all statements imade on informar ion and belief are believed to be true; and further that these statements and here made with it he knowledge that willful false statements and the like so made are punishable by tine or imprisonment, or both, under Section 1001 of Trice 18 of the United States Code and that teuch willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/F	irst InventorAlexander	maitsev		
Inventor's Signature	Sal	Date _	August 4,	200
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Attorney Docket No.: 1020.P17139 PATENT

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (FOR INTEL CORPORATION PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## METHOD AND APPARATUS TO PERFORM CHANNEL ESTIMATION FOR A COMMUNICATION SYSTEM

(I hereby authorize and request my attorney, associated with Customer Number <u>57035</u>, to insert on the designated lines below, the filing date and application number of sald application when known.)

the	spe	ecification of which
		Is filed herewith
		OR
		was filed on as US Application Serial No
	or l	PCT International Application Number PCT/RU2004/000037 and was amended on
	(if a	applicable).
	•	

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s	1		Priori Claim	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
I hereby claim the benefit uprovisional application(s) list		es Code, Section 119(e) of an	y United	States
Application Number	Filing Date			
Application Number	Filing Date			
application(s) listed below a is not disclosed in the prior of Title 35, United States Co known to me to be material	and, insofar as the subject United States application ode, Section 112, I acknow to patentability as defined a available between the fili	es Code, Séction 120 of any L matter of each of the claims in the manner provided by the Wedge the duty to disclose all in Title 37, Code of Federal in ng date of the prior application tion:	of this ap e first par I informat Regulatio	plication agraph tion ins,
Application Number	Filing Date	Status patented, pending,	abandon	ed
Application Number	Filing Date	Status – patented, pending,	abandon	ed

### **Appointment of Practitioners:**

I hereby appoint the practitioners associated with Customer Number: <u>57035</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

If this patent application is assigned, then the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

### Correspondence:

Direct all correspondence to <u>John F. Kacvinsky</u>, KACVINSKY LLC, 4500 Brooktree Road, Suite 102, Wexford, PA 15090. Direct telephone calls to John F. Kacvinsky, (724) 933-5529.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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